

**Make plans to attend 38th
Solid/Hazardous Waste
Conference and Exhibition**

April 29 - May 1, 2009

The Tennessee Department of Environment and Conservation is committed to principles of equal opportunity, equal access and affirmative action. Contact the EEO/AA Coordinator at 1-888-867-7455 or the ADA Coordinator at 1-866-253-5827 for further information. Hearing impaired callers may use the Tennessee Relay Service (1-800-848-0298).



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38th Annual

**Solid/Hazardous
Waste Conference &
Exhibition**

**April 30 - May 2, 2008
Gatlinburg Convention Center**

sponsored by the
Tennessee Department of Environment and Conservation
Division of Solid Waste Management



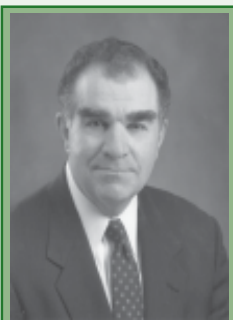
Environmental Law Session
Endorsed By:



Meet Our Speakers



Paul Sloan was named Deputy Commissioner at the Tennessee Department of Environment and Conservation (TDEC) in April 2005 following a career that includes success in education, law, business and conservation advocacy. Paul heads the department's Bureau of Environment.



Jimmy Palmer - In October 2001, President Bush appointed Jimmy Palmer Regional Administrator for Region 4 of the United States Environmental Protection Agency, which covers Mississippi, Tennessee, Kentucky, Alabama, Georgia, North Carolina, South Carolina, and Florida. A Mississippi native, Jimmy holds a B. S. degree in Civil Engineering from Mississippi State University and a Juris Doctorate degree, with honors, from the University of Mississippi. He is a Registered Professional Engineer and Licensed Attorney in Mississippi.

Jimmy served for over 25 years in several capacities in the environmental field with the State of Mississippi, including the Attorney General's Office, the Governor's Office, and, for over 12 years, under three successive Governors, as Executive Director of the Mississippi Department of Environmental Quality. He then re-entered private law practice before being appointed EPA Regional Administrator.

[Heritage Environmental](#)

[K.S. Ware & Associates](#)

[Mack of Nashville](#)

[McGill Associates](#)

[Microbac Laboratories](#)

[Mr. Bult's Inc.](#)

[MTR Tire Recycling](#)

[Municipal Equipment, Inc.](#) - If you are tired of the same old products and solutions provided by other equipment dealers then give us an opportunity to show you why many Tennessee communities and private haulers are making the change to MEL. Call David Wade at 865-387-2416 for a free on-site demonstration.

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[Rehrig Pacific Company](#)

[RMCT - Recycling Marketing Cooperative for Tennessee](#) is your statewide nonprofit recycling cooperative. RMCT provides marketing assistance to city, county & business recycling programs throughout Tennessee.

[S&ME Inc.](#) has a strong professional staff of engineers, geologist, and scientist

[Safety-Kleen](#)

[SAIC](#)

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[Southeastern Tank](#) distributes and erects Aquastore® glass fused to steel tanks for municipal and industrial potable water, wastewater, fire protection, and leachate storage. We specialize in turnkey leachate storage systems including primary & secondary containment, piping, heat tracing, mixing and treatment.

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[TDEC - Division of Remediation](#)

[TDEC - Division of Underground Storage Tanks](#)

[TDEC - Office of Environmental Assistance](#)

[TDEC - Toxic Substances Program](#)
[Tennessee Recycling Coalition](#)

[Terra Systems, Inc.](#)

[Terracon](#)

[Test America](#)

TREASURE HUNT

**NEW fun for this year!
A chance to win \$250.00!**

Fill out form at each booth for a chance to win \$250.00 cash. Enjoy the fun of looking for a treasure. Get details at registration desk.

Sponsored by First Response.

[TPM, Inc.](#)

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[Tri State Testing Services, Inc.](#) performs Geotechnical and Environmental drilling services and Geophysical Laboratory Services.

[TriAD Environmental Consultants, Inc.](#) provides innovative, cost-effective solutions to clients facing environmental problems. Our expertise includes solid/hazardous waste management, RCRA/CERCLA permitting/remediation, hydrogeologic investigations, storm water management, compliance assistance and SPCC Plan preparation.

[Tysinger, Hampton & Partners](#)

[Univar USA](#)

[Veolia Environmental Services](#) (Formally know as Onyx Environmental Services) Veolia Environmental is the world's leading provider of environmental services, operating on six continents. Its 270,000 employees in over 65 countries provide waste management, water, energy and transportation services. Environmental sustainability is a key initiative both here in the U.S. and globally, and Veolia Environment is a leader in reconciling economic effectiveness, environmental performance and social responsibility.

[Vermeer of Tennessee](#) is a leading supplier of wood/organic composting equipment in the State of Tennessee, and around the world. We sell and service a complete line of grinding equipment (Tubs/Horizontal), Trommel Screens, Brush Chippers, and Compost Turners. We have parts and service facilities in Murfreesboro, Knoxville, Chattanooga, and Cordova Tennessee.

[United States Environmental Services](#)

[UT - CIS](#)

[W.L. Gore & Associates](#)

[Waste Connections of Tennessee, Inc.](#) is a fully integrated solid waste services company. We service commercial, industrial and residential customers, operating both Class I and Class III/IV landfills and transfer stations

[Waste Management](#)

[Wastequip Holt](#) is a full line manufacturer of solid waste handling and recycling equipment. Compactors, roll-off containers, open tops, roll-off hoists, front end and rear load containers are just some of the items available from the world's largest manufacturer of these items.

[WDC Exploration & Wells](#)

Exhibitors

Take time to visit our exhibitors. They have interesting and innovative information to share with you. Don't forget to ask them to stamp your television giveaway form while you are visiting.

Accutest Laboratories is a privately held, independent testing laboratory successfully delivering legally defensible data for over 49 years. Accutest provides a full range of environmental analytical services to industrial, engineering/consulting and government clients throughout the United States.

ACHMM

Adventus Group

Al-Jon Inc. has landfill compactors that offer many features like an electronically controlled hydrostatic drive and range in weight from 85,000 lbs to 126,000 lbs, as well as offering the choice or reliable CAT or John Deere engines.

Allied Waste

AMEC Earth & Environmental, Inc. – With more than 2,000 scientists, geologists, engineers, biologists, environmental planners & other specialist, AMEC offers an impressive depth and breadth of capabilities. Our expertise can be broken down into four main areas – environmental, geotechnical, materials, and water resources.

American Enviro Services

Ameri-Kart Corp – manufacturer of 35,65 and 96 gallon residential karts, industrial and residential dumpers, and curbside recycle bins.

Aquaterra Engineering

ARCADIS

Armor Environmental Services, Inc. is a full service waste management company operating their own transportation fleet, specializing in processing special waste to energy.

Arnold Engineering Development Center

Bayne Premium Life Systems

BIOX

Blackhawk Technology Company

BOMAG

BP LIFTS

Brown and Caldwell Brown and Caldwell provides full-service engineering and consulting services for solid and hazardous waste projects from a network of 45 offices and over 1,500 professionals across the U.S. Our clients include both private companies and public agencies, and our goal is to deliver value and exceed expectations.

Chase Environmental

Civil & Environmental Consultants

Clean Harbors Environmental

CMI Equipment Sales, Inc. providing equipment, parts and service to waste industry management for two decades.

Continental Aerial Surveys

Cram-A-Lot

CTI

Dempster

E. Roberts Alley and Associates

Eagle Construction

Earth Tech

Eastern Research Group (ERG)

Elvado Environmental

EnergX

EnSafe, Inc.

Envirite

Environmental & Civil Engineering Services

Environmental Sciences Corp.

EPA, Region 4

EQ-The Environmental Quality Co.

Etowah Chemical

Evergreen Tank Solutions

First Response

GPL Laboratories

Greenleaf Environmental Group is a full service environmental contractor specializing in work management, remediation, industrial services and lab packing. Greenleaf currently owns a non-hazardous waste processing facility in Macon, GA and maintains a fleet of HAZMAT DOT trucks and equipment.

Gresham, Smith and Partners

H.H. Hooper Machinery

HEPACO, Inc. Environmental contractor.



Wednesday, April 30, 2008 Lower Level, Hall 1 Opening Session

*The Exhibit Area will be closed 9:00 a.m.- 10:45 a.m.
All exhibitors are encouraged to attend the Opening Session*

9:00 a.m.

Welcome and Opening Remarks

Mike Apple, Director

Division of Solid Waste Management

Tennessee Department of Environment and Conservation

Nashville, Tennessee

Paul Sloan, Deputy Commissioner

Tennessee Department of Environment

and Conservation

Nashville, Tennessee

9:20 a.m.

EPA Initiatives

James I. Palmer, Jr., Regional Administrator

Region 4

US Environmental Protection Agency

Atlanta, Georgia

10:30 a.m.

Governors Environmental Stewardship Awards for Hazardous Waste and Solid Waste Reduction 2008

Paul Sloan

10:45 a.m.

Exhibit Hall Reopens

11:00 a.m.

Lunch

Hall 2

Registration & Information Desk

Wednesday, April 30, 7:30 a.m. - 4:00 p.m.

Thursday, May 1, 7:30 a.m. - 4:00 p.m.

Exhibit Hall

Wednesday, 8:00 a.m. - 4:00 p.m.

Thursday, 8:00 a.m. - 12:00 noon

Conference Schedule

Wednesday, April 30	Opening Session	9:00 a.m. - 10:50 a.m.
	Lunch	11:00 a.m. - 1:00 p.m.
	Breakout Sessions	1:00 p.m. - 4:00 p.m.
	Conference Wide Event**	5:00 p.m.
Thursday, May 1	Breakout Sessions	8:00 a.m. - 10:50 a.m.
	Lunch	11:00 a.m. - 12:30 p.m.
	TV Giveaway *	12:10 p.m.
	Breakout Sessions	12:30 p.m. - 4:00 p.m.
Friday, May 2	Closing Sessions	9:00 a.m. - 11:00 a.m.

CONFERENCE HIGHLIGHTS:

*Television Giveaway – A 60 inch wide screen high definition TV. The 2008 Solid/Hazardous Waste Conference & Exhibition will give away this wide screen TV to one of our lucky guests. The television will be given away at the end of Thursday's luncheon in the Exhibit hall. All registered attendees are encouraged to participate. It's simple: visit every exhibit booth, get your entry form stamped at each one and then drop it in the basket in the rear of the Exhibit Hall. The TV giveaway is sponsored by BFI.

PARTICIPANTS MUST BE PRESENT TO WIN.

**Conference Wide Event - Mills Auditorium

Wednesday, April 30, 2008 starting at 5:00 p.m.

Dinner and Hospitality sponsored by BFI



Entertainment, featuring the "Guilty Pleasures"

sponsored by Waste Management


**PROFESSIONAL
EDUCATION CREDIT**

Continuing Legal Education will be offered through the Tennessee Bar Association. Attorneys who wish to receive CLE credit must complete a Certificate of Attendance available at the registration desk and pay the additional \$75.00 fee.

Professional Development Hours for Professional Engineers can be received for attending this year's conference. The hours equate to 1 hour of credit for 1 hour of attendance. Recordkeeping to receive credit documentation of attendance is needed in the form of paid receipts, a signed copy of the participants list, or other documents supporting evidence of attendance.

Landfill Operators will have the opportunity to earn state approved credit during the conference. A total of 9 hours of Recertification credit can be earned by attending all of the Solid Waste Sessions or the SWANA session and the joint Solid/Hazardous Waste Session on Friday morning. There will be a sign-in list located in the room at the end of each session.

Friday, May 2, 2008

**Closing Session
Hall 1**
Moderator

Glenn Birdwell, Assistant Director
Solid Waste Management
Nashville, Tennessee

9:00 a.m.

Legislative Updates

Glenn Birdwell

9:20 a.m.

Handling Public Opposition

Christopher D. Hardin, P.E.

Solid Waste Practice Leader

Brown and Caldwell

Nashville, TN 37228

10:00 a.m.

**Summary of Hazardous Waste
Regulatory Changes**

Robert Nakamoto, P.E., CHAMM

Environmental Protection Specialist

Division of Solid Waste Management

Nashville, Tennessee

10:50 a.m.

Closing Remarks

Glenn Birdwell

Friday, May 2, 2008

**Environmental Law Closing Session
Room 12**

8:30 a.m.

Waters of the US? Waters of the State

William L. Penny, Esquire

Stites & Harbison, PLLC

Nashville, Tennessee

David Jackson, P.G.

Breedlove, Dennis and Young

Nashville, Tennessee

9:30 a.m.

Break

9:45 a.m.

Breakfast with the Commissioner

James H. Fyke, Commissioner

Tennessee Department of

Environment and Conservation

Nashville, Tennessee

Paul Sloan, Deputy Commissioner

Tennessee Department of

Environment and Conservation

Nashville, Tennessee

Thursday, May 1, 2008

Hot Topics Session
Conference Room 11

Moderator: **Ian Barrett**, Geologist
Solid Waste Management
Nashville, Tennessee

8:00 a.m.

Implementing a Pharmaceutical Waste Management Program

An examination of the driving factors behind new enforcement initiatives at both the EPA and state level nationally. The definitions of hazardous waste that apply to finished dosage forms found in healthcare will also be examined. Current pharmaceutical waste management practices will be reviewed, along with recommendations for compliant management.

Charlotte A. Smith, R. Ph., M.S., HEM,
President
PharmEcology Associates, LLC,
Milwaukee, WI

9:00 a.m.

Application of Autoclaves in the Treatment of Medical Waste

Timothy Barrett, Vice President of
Engineering Services
OnSite Sterilization, LLC
Pottstown, Pennsylvania

9:30 a.m.

Break

9:45 a.m.

Solid Waste Composting

George J. Hyfantis, Jr., Ph.D., P.E.
President
Quantum Environmental & Engineering
Services, LLC
Knoxville, TN

11:00 a.m.

Lunch

Moderator: **Leland Hares**, Geologist
Solid Waste Management
Nashville, Tennessee

12:30 p.m.

Innovative Soil and Groundwater Remediation

Optimized Via the Information Superhighway

Dick Raymond, President
Terra Systems, Inc.
Georgetown, Kentucky

1:05 p.m.

Application of Oxygen Release Compound to Excavation Backfill for Treatment of Residual Groundwater Impacts following LUST Removal

Josephine Molin, Project Engineer
Adventus Americas, Inc.
Chicago, Illinois

1:40 p.m.

In-Place or On-Site Treatment of Pesticides using DARAMEND® Technology

Jim Mueller, Ph.D., Director of Remedial
Solutions and Strategies
Adventus Americas, Inc.
Freeport, Illinois

Wednesday, April 30, 2008

Solid Waste Technical Session
Conference Rooms 1-3

Certified Landfill Operators in Tennessee will receive 3.0 hours of Recertification credit by attending this session

Moderator

Glen Pugh, Solid Waste Program Manager
Solid Waste Management
TDEC
Nashville, Tennessee

1:00 p.m.

Tennessee Landfills and the Bulk Survey for Release Program

Recent controversy over the disposal of non-regulated radioactive waste in Tennessee landfills has resulted in changes to the Division of Solid Waste Management's special waste public outreach.

Jeff Norman, Chief
Solid Waste Technical Section
Solid Waste Management
Nashville, Tennessee

1:45 p.m.

Water Quality Permits at Landfills

A new Memorandum of Agreement with the Division of Water Pollution Control will change the way certain water quality permits are applied to landfills.

Glen Pugh

2:30 p.m.

Break

2:45 p.m.

Landfill Gas Energy Projects at Smaller Landfills

New financing options and incentives are making smaller landfill gas energy projects more cost effective.

Clint Burklin, Contractor to EPA
Landfill Methane Outreach Program
ERG
Morrisville, North Carolina

4:00 p.m.

Adjourn

Hazardous Waste Session
Conference Rooms 4-5

Moderator

Garey Mabry, P.E., Hazardous Waste
Program Manager
Division of Solid Waste Management
Nashville, Tennessee

1:00 p.m.

NPDES and RCRA – Opportunities and Pitfalls

Discussion of the RCRA exemptions associated with hazardous wastewaters subject to NPDES permit discharge limitations either directly or via a POTW discharge/pre-treatment permit.

Janet Evans, P.E.,
Senior Technical Associate
Environmental Affairs
Eastman Chemical Company
Kingsport, Tennessee

1:40 p.m.

Law & Order: Anatomy of a Hazardous Waste Enforcement Case What to do if TDEC says That You are Breaking the Law

This panel will walk the audience through the sometimes intimidating process of a hazardous waste enforcement case from the inspection through the Solid Waste Board "trial" and share tips for ensuring the best outcome possible.

Panel

Edward M. Callaway, Partner
Waller Lansden Dortch & Davis
Nashville, Tennessee

Elizabeth Cates, Environmental
Specialist
Solid Waste Management
Nashville, Tennessee

David Henry, Attorney
Office of General Counsel
TDEC
Nashville, Tennessee

Dwight Hinch

Senior Project Manager/Vice President
TriAD Environmental Consultants, Inc.
Nashville, Tennessee

Wednesday, April 30, 2008

Hazardous Waste Session
Conference Rooms 4-5

Rick Whitson, P.E.
Environmental Protection Specialist
Division of Solid Waste Management
Johnson City, Tennessee

2:40 p.m.
Break

2:50 p.m.
**Overview of Hazardous Materials
Transportation Regulations**

This session will provide a brief overview of the regulations governing the transportation of hazardous materials.

Jack Whitley, Transportation Specialist
Pipeline and Hazardous Material Safety
Administration
U.S. Department of Transportation
Atlanta, Georgia

3:35 p.m.
**Project Presentation by the Winner of
the Governor's Award for
Hazardous Waste Reduction**
Winner to be announced in early April

3:55 p.m.
Final Q&A

4:00 p.m.
Adjourn

Continuing Legal Education will be offered through the Tennessee Bar Association. Attorneys who wish to receive CLE credit must complete a Certificate of Attendance available at the registration desk and pay the additional \$75.00 fee.

Environmental Law Session
Conference Rooms 6-7

Moderator: **Max Fleischer**, Attorney
Office of General Counsel
TDEC
Nashville, Tennessee

1:00 p.m.
**So You Don't Want to Hire
an Attorney – Revisited**

Discussion of the recent holdings of the Court of Appeals pertaining to unauthorized practice of law prohibitions in administrative proceedings before state environmental boards

Steve Jobe, Senior Counsel
Environmental Division
Tennessee Attorney General's Office
Nashville, Tennessee

John P. Williams, Attorney at Law
Tune, Entrekin & White, P.C.
Nashville, Tennessee

1:50 p.m.
Break

2:00 p.m.
Ethics
Carl Pierce, Professor
University of Tennessee
College of Law
Knoxville, Tennessee

3:30 p.m.
Break

3:40 p.m.
Legislative Update and Hot Cases
Alan Leiserson, Legal Services Director
Office of General Counsel
TDEC
Nashville, Tennessee

4:00 p.m.
Adjourn

Thursday, May 1, 2008

Underground Storage Tank Session
Conference Room 10

Moderator: **Jim Barnes**
Field Office Manager
Underground Storage Tanks
Nashville, Tennessee

8:00 a.m.
**Management of Petroleum Hazards
– Technical Guidance Documents –
Free Product, Drinking Water and
Vapor Impacts**

TDEC, Division of Underground Storage Tanks has completed revisions to guidance for free product recovery & reporting and recently developed new guidance for management of drinking water and petroleum vapor impacts.

Jeff Phillips, P.G., Geologist
Underground Storage Tanks
Memphis, TN

Lisa Pugh

9:15 a.m.
Break

9:30 a.m.
**The ABCs of COCs and Phase II
Case Prioritization**

Cindy Greene, P.E., Corrective
Action Program Manager
Underground Storage Tanks
Nashville, TN

10:00 a.m.
**Corrective Action Plan Design
Calculations**
Guidance on calculations required for a cost efficient CAP, e.g., calculating radii of influence for design purposes and calculating project life expectancy to convey total costs and to assist in determining the required performance measures.

Drew Storm, P.G., Geologist
Underground Storage Tanks
Nashville, TN

11:00 a.m.
Lunch

Moderator: **Tim Thompson**, EIT,
Environmental Protection Specialist
Underground Storage Tanks
Chattanooga, Tennessee

12:30 p.m.
**On-site/Off-site Soil Gas Survey
Laboratory Analysis – How Do They
Compare? A Real World Example at One
Facility**

A comparison of soil gas samples collected from a UST site with analysis by both a mobile lab and fixed laboratory.

Rob Alley, Jr., P.E., President
E. Roberts Alley and Associates, Inc.
Nashville, Tennessee

1:00 p.m.
Soil Gas Problem Solving
Rocky Hannah, P.G.
Field Office Manager
Underground Storage Tanks
Cookeville, Tennessee

2:00 p.m.
Break

2:15 p.m.
**Reduction of Overall Project Costs
through Improved Analysis and
Modeling**

A series of data assessment and modeling approaches: Use groundwater data to avoid missing residual contamination that often prolongs site cleanup; provide realistic estimates of source longevity and the amount of mass remaining without direct source characterization; differentiate whether low mass recovery results from system inefficiency or low source mass; optimize mass recovery through an understanding of mass transfer mechanisms; and accurately identify when a system can be turned off.

William Benni, President
Improved Analysis through Modeling,
LLC
Christiansburg, Virginia

3:00 p.m.
**UST Contamination Case
Management-Division Panel**

4:00 p.m.
Adjourn

Thursday, May 1, 2008

Solid Waste Assistance Session
Conference Room 8-9

Moderator: *Phillip Noel*
South Central Development District
Columbia, Tennessee

8:00 a.m.

**Best Management Practices and
Industry Trends in Paper and Plastic
Recycling**

An overview in plastics and paper recycling, pricing trends and how to best manage these commodities

Rad Ellington, Owner
Southeast Recycled Fiber
Jackson, Tennessee

Heather Witherspoon, Sales
Southeast Recycled Fiber
Jackson, Tennessee

8:55 a.m.

**Recycling in Tennessee: A Buyer's
Prospective**

A view of recycling as a regional buyer and processor as well as from a mill consumer

Jeff Holmes, General Manager
Nashville Division
SP Recycling Corp
LaVergne, Tennessee

9:30 a.m.

Break

9:45 a.m.

The Tennessee Solid Waste "Blog"

The 'blog' is a web based resource focused primarily on issues on import to solid waste professionals in Tennessee. This session provides a brief overview of the blog then shows how you can use this collaborative tool to advance your own program success stories.

Kim Raia, Environmental Consultant,
GISP

UT-CTAS Environmental Services
The University of Tennessee
Knoxville, Tennessee

Moderator: *Larry Christley*,
Environmental Assistance Program
Manager
Solid Waste Management
Nashville, Tennessee

12:30 p.m.

**New Ideas and Grants to
Reduce Waste in Georgia**

Tennessee is currently looking at making changes to its solid waste reduction goals. This presentation will examine what changes have been made recently in our neighboring state of Georgia.

Joe Dunlop, Program Coordinator
Georgia Dept. of Community Affairs
Office of Environmental Management
Atlanta, Georgia

1:25 p.m.

**Update of the Solid Waste
Reduction Task Force**

An overview and discussion of recommendations to the Solid Waste Reduction Task Force. What might be right for solid waste reduction in Tennessee

Nick Lytle, Environmental Specialist
Solid Waste Assistance Program
Solid Waste Management
Nashville, Tennessee

2:25 p.m.

Break

2:40 pm.

**Achieving Zero Waste-to-Landfill
at Goodyear, Union City**

In 2005, Goodyear initiated a goal to take all its manufacturing facilities in North America to zero trash to landfill by the end of 2007. This presentation reviews the activities undertaken by the Union City Plant to achieve this milestone.

J. Mark Kinsey
Environmental Coordinator
The Goodyear Tire and Rubber Co.
Union City, Tennessee

3:40 p.m.

Adjourn

Wednesday, April 30, 2008

Solid Waste Assistance Session
Conference Rooms 8-9

Moderator: *Mike Stooksberry*
CTAS Solid Waste Management Consultant
County Technical Assistance Service
Martin, Tennessee

1:00 p.m.

Development of Partnerships to Handle E-Waste

Discussion will include partnerships with private industry, small communities and recycling partners.

Jack Horner, Vice President
Recycling and Sales
Goodwill Industries Knoxville Inc.
Knoxville, Tennessee

1:40 p.m.

Running a Permanent Household Hazardous Waste Facility in Davidson County

Metro/Davidson County will speak about daily operations as the permanent Household Hazardous Waste facility.

Leo Smiley, Compliance Inspector
Nashville Household Hazardous
Waste Facility
Public Works, Metro/Davidson County
Nashville, Tennessee

2:05 p.m.

Upstarting a Permanent Household Hazardous Waste Facility in Shelby County

Shelby County started a permanent HHW facility in 2007. The presentations will talk about what it takes to build, organize, fund and run a HHW facility.

Lisa Williams, Environmental Programs Coordinator
Shelby County Roads and Bridges
Memphis, Tennessee

2:30 p.m.

Break

2:45 p.m.

Waste Tire Clean Ups

The Tennessee Department of Environment and Conservation tire clean-up grant and a couple of case studies.

April Johnson, Tire Recycling Coordinator
Washington County Solid Waste Hub Tire
Collection Center
Kingsport, Tennessee

Louis Bordenave, Manager
Problem Waste Section
Solid Waste Management
Nashville, Tennessee

4:00 p.m.

Adjourn

Wednesday, April 30, 2008

Underground Storage Tank Session
Conference Room 10

Moderator: **Lisa Pugh**, P.G.
Field Operations Coordinator
Underground Storage Tanks
TDEC
Nashville, Tennessee

1:00 p.m.

UST – A Year in Review
Stan Boyd, P.G., Director
Underground Storage Tanks
Nashville, Tennessee

1:30 p.m.

**The Federal Energy Policy Act-A
Regional and National Perspective**

Discussion on how states are dealing with
the challenges of complying with new
federal requirements

Bill Truman, Chief
UST Section
EPA Region 4
Atlanta, Georgia

2:00 p.m.

Upgrading Tank Operators

Tennessee's developments to comply with
operator training requirements of the
Federal Energy Policy Act

Lamar Bradley, Assistant Director
Underground Storage Tanks
Nashville, Tennessee

2:30 p.m.

Break

2:45 p.m.

UST Rule Overview

Review of the most recent revisions to the
UST regulations with emphasis on those
with the most impact as well as future rule
development.

Donna Washburn, Deputy Director
Underground Storage Tanks
Nashville, Tennessee

3:15 p.m.

**Reimbursement Guidance Document –
001, Reimbursement Cost Revisions**
Nona Bryant, Fund Section Manager
Underground Storage Tanks
Nashville, Tennessee

3:30 p.m.

Question/Answer Session

4:00 p.m.

Adjourn

Do you have a topic to suggest???
Contact Tommy Himes (615-532-0788)
or
Mary Evans (615-532-0798)

Researchers, educators, government officials,
consultants, managers, community leaders and
others with an interest in solid waste,
hazardous waste, recycling and other waste
related topics are invited to submit papers
for oral presentation at the conference.

Papers relating to all aspects of solid waste,
hazardous waste and recycling technologies
and management are of interest, including:

- Landfill topics
- Recycling
- Energy recovery and thermal treatment
- Waste reduction
- Economics
- Policy
- Regulations
- Facility siting
- Public involvement
- Education
- Household hazardous wastes

Thursday, May 1, 2008

Environmental Law Session
Conference Rooms 6-7

Moderator: **Joe Sanders**, General Counsel
Office of General Counsel
TDEC
Nashville, Tennessee

12:30 p.m.

Can Waste Co-exist With Ethics?

A review of the recent Board of Professional Responsibility issues relative to the
practice of law in the field of Solid/Hazardous Waste

James C. Wright, Attorney
Butler, Vines & Babb, PLLC
Knoxville, Tennessee

William W. Hunt III
Disciplinary Counsel
Board of Professional Responsibility
Nashville, Tennessee

2:00 p.m.

Break

2:10 p.m.

Enforcing Criminal Provisions of RCRA

Lana Pettus, Attorney
Environmental Crimes Section
United States Department of Justice
Washington, D.C.

3:00 p.m.

Developments in the Definition of Solid Waste Under RCRA

A review of the most recent regulatory efforts to change the definition of a "solid
waste" under RCRA

Don Bradford
Environmental Services Manager
EnSafe, Inc.
Memphis, Tennessee

Randall B. Womack
Glankler Brown, PLLC
Memphis, Tennessee

4:00 p.m.

Natural Resources Damage Assessment Program

An update of the introductory information from the 2007 conference and information
of the progress of the program development

Debbie Mann, NRDA Program Manager
Natural Resource Damage
Assessment Program
TDEC
Nashville, TN

Joe Sanders

4:30 p.m.

Adjourn

Thursday, May 1, 2008

Environmental Law Session
Conference Rooms 6-7

Moderator: *Max Fleischer*

8:00 a.m.

Managing Inevitable Environmental Conflict

From “A Civil Action to Erin Brockovich” to the Bible Park – Our panel of experts will discuss present and past conflicts and recommended ways to manage them from two parties to twenty.

Marietta Shipley, President
The Mediation Group of Tennessee, LLC
Nashville, Tennessee

Edward M. Callaway, Partner
Waller Lansden Dortch & Davis PLLC
Nashville, TN

Mike Apple, Director
Solid Waste Management
Nashville, Tennessee

Dan McDougal, Member
The Mediation Group of Tennessee, LLC
Nashville, Tennessee

9:00 a.m.

Environmental Obligations in Bankruptcy

Review of law and developments related to abandonment of contaminated property of the bankruptcy estate, post-petition enforcement actions and claims and discharge of remedial costs, fines and penalties.

Lawrence R. Ahern, III
Burr & Forman LLP
Nashville, Tennessee

Darlene T. Marsh, Partner
Burr & Forman, LLP
Nashville, Tennessee

Marvin E. Clements, Jr., Senior Counsel
Bankruptcy Division
Tennessee Attorney General’s Office
Nashville, Tennessee

9:50 a.m.

Break

10:00 a.m.

Cost Recovery in CERCLA: Unresolved Issues from Atlanta Research

G. Scott Thomas
Bass, Berry & Sims, PLC
Nashville, Tennessee

Steven Stout, Environmental Legal Counsel
Office of General Counsel
TDEC
Nashville, Tennessee

11:00 a.m.

Lunch

Wednesday, April 30, 2008

Hot Topics Session
Conference Room 11

Moderator: *Jan Compton*, Environmental Coordinator
Office of Environmental Assistance
Johnson City, Tennessee

1:00 p.m.

Carbon Footprinting – What is it? Why is it Important?

An overview of carbon footprinting. Attendees will gain an understanding of how to measure their carbon footprint, key things anyone can do to decrease the impact and why it’s important.

Mark Penland, Environmental Coordinator
Office of Environmental Assistance
Knoxville, Tennessee

1:30 p.m.

WARM Model – Relating Recycling Activity to Preventing Climate Change

Waste Reduction Model (WARM) measures the greenhouse gas and energy benefits of various waste management practices.

Jennifer Brady, Project Manager
Office of Solid Waste
U.S. EPA
Washington, DC

2:15 p.m.

Break

2:30 p.m.

Greenhouse Gas Markets: What They Mean to Landfill Owners

Learn why greenhouse gas markets are important to landfills owners and how they can be an additional source of revenue for a landfill operation. Tapping into such a revenue stream can help finance landfill gas system collection and control systems, operations and maintenance, or other landfill programs.

Chad Leatherwood, P.E.
SCS ENGINEERS
Ashville, North Carolina

3:15 p.m.

Reducing Carbon Footprint Through Use of Alternative Fuels

Jonathan G. Overly, Executive Director
East Tennessee Clean Fuels Coalition
Knoxville, Tennessee

4:00 p.m.

Adjourn

Thursday, May 1, 2008

Solid Waste Technical Session
Conference Rooms 1-3

Certified Landfill Operators in Tennessee will receive 3.0 hours of Recertification credit by attending this session

Moderator: **Alan Spear**, P.G., Geologist
Solid Waste Management
Nashville Environmental Field Office
Nashville, Tennessee

8:00 a.m.

Leachate System Design

A focus on design and installation of leachate collection systems to achieve maximum efficiency and case maintenance.

Jo House, Principal
Civil & Environmental Consultants
Franklin, Tennessee

8:30 a.m.

Leachate System Maintenance

Maintenance of a leachate collection system is crucial to long term performance. Various techniques for clean out and case studies will be presented.

Ralph Calistri
Jet Clean America
Lutz, Florida

9:00 a.m.

Boron Reduction in Landfill Leachate

One of the challenges facing some landfills is the reduction of boron to meet local discharge requirements. This presentation will discuss treatment technologies and management options.

Steve Batiste, Project Manager
Environmental Services
Brown and Caldwell
Nashville, Tennessee

9:30 a.m.

Break

9:45 a.m.

Longstreet Landfill Closure: The Conclusion of a Success Story

Follow-up on last year's presentation for this site. FedEx Ground has occupied the site and is well on its way to completing construction of a new ground distribution center.

Michael C. Mallen, Esq., Partner
Long Street, LLC
Chattanooga, Tennessee

J. Taylor Stein, P.E., Senior Project Manager
Consolidated Technologies, Inc.
Chattanooga, Tennessee

10:45 a.m.

Question and Answer Session

11:00 a.m.

Lunch

Landfill Operators will have the opportunity to earn state approved credit during the conference. A total of 9 hours of Recertification credit can be earned by attending all of the Solid Waste Sessions or the SWANA session and the joint Solid/Hazardous Waste Session on Friday morning. There will be a sign-in list located in the room at the end of each session.

Thursday, May 1, 2008

Hazardous Waste Session
Conference Rooms 4-5

Moderator: **Adrianne White**, Manager
Toxic Substances Program
Solid Waste Management
TDEC
Nashville, Tennessee

12:30 p.m.

EBLL Investigations

James Adkins, Environmental Specialist
Toxic Substances Program
Solid Waste Management
Nashville, Tennessee

1:15 p.m.

Lead Based Paint and Healthy Housing

Home renovations cause health problems for occupants. So, how do you reach those doing renovation work? Strategies for reaching this audience will be shared and time will be allotted for group discussion.

Martha Keel, Professor
Housing and Environmental Health
Family and Consumer Sciences
University of Tennessee
Knoxville, Tennessee

2:00 p.m.

Break

2:15 p.m.

Childhood Lead Poisoning in Tennessee – Prevention through Partnership

Lead poisoning is the most common preventable pediatric health problem in the US today. How private individuals, business, and non-profits, along with city and county government agencies can partner with Middle Tennessee State University through the HUD funded TN LEAP grant to prevent lead poisoning in their communities and support remediation of homes where exposure to lead based paint hazards may affect children is the focus of this session

Carol Boraiko, CIH, CSP,
Associate Professor
Engineering Technology, Environmental
Science and Technology Health and Safety
Tennessee LEAP
Middle Tennessee State University
Murfreesboro, Tennessee

Kathy Mathis, Associate Professor
Engineering Technology, Environmental
Science and Technology
Tennessee LEAP
Middle Tennessee State University
Murfreesboro, Tennessee

Faye Ralston, Manager
Tennessee LEAP

Middle Tennessee State University
Murfreesboro, Tennessee

3:00 p.m.

New Rule Chapter 1200-1-20, Asbestos Accreditation Requirements and Implementation

A discussion of the procedures and requirements for the accreditation of asbestos training providers and courses and the accreditation of asbestos professionals and firms that engage in asbestos response activities.

Jackie Manuel, Environmental Specialist
Toxic Substances Program
Solid Waste Management
Nashville, Tennessee

4:00 p.m.

Adjourn

Thursday, May 1, 2008

Hazardous Waste Session
Conference Rooms 4-5

Moderator: *Roger Donovan*, Environmental Specialist
Corrective Action Section
Solid Waste Management
Nashville, Tennessee

8:00 a.m.

Practical Applications for Performing a Vapor Intrusion Assessment (VIA) for a Chlorinated Solvent Site

There are two main sources of guidance for performing a VIA. These guidance documents were used to perform a VIA in 2007 at a chlorinated solvent site and “lessons learned” during practical application for the guidance information will be provided.

Amy Huskey, Project Hydrogeologist
Brown and Caldwell
Nashville, Tennessee

8:40 a.m.

The Hornet Tool

The Hornet Tool is an option to overcome some injection challenges, including limited distribution and blow-by.

Patrick Hicks, Ph.D.
Technical Director
ZEBRA Environmental Corporation
Raleigh, North Carolina

9:20 a.m.

Break

9:30 a.m.

In-Situ Chlorinated Solvent Bioremediation Utilizing a Horizontal Well Recirculation System

The remediation technology being employed consists of using a horizontal well recirculation system for injection and extraction of nutrients and groundwater.

Randy Kurth, Project Manager
Shaw Environmental Inc.
Knoxville, Tennessee

10:05 a.m.

The Application of BOS 100 to Treat Chlorinated Hydrocarbons (CHCs) in Groundwater

Application of BOS 100 to reduce the concentrations of dissolved CHCs in the groundwater such that concentrations of CHCs emerging a surface water area would be reduced below the drinking water MCLs.

Scott Morie, Decommissioning
Environmental Manager
Nuclear Fuel Services
Erwin, Tennessee

10:30 a.m.

Remediation Lessons Learned: Non-Textbook Sites

A brief look at several “non-textbook” remediation sites, response options considered, selected alternatives, and current status.

Lori Goetz, Technical Specialist
EnSafe
Memphis, Tennessee

11:00 a.m.

Lunch

Thursday, May 1, 2008

Solid Waste Technical Session
Conference Rooms 1-3

Certified Landfill Operators in Tennessee will receive 3.0 hours of Recertification credit by attending this session

Moderator

Mary Anderson, Administrative Services Manager
Bi-County Solid Waste
Tennessee Chapter SWANA
Clarksville, Tennessee

12:30 p.m.

Stateless Household Hazardous Waste Collections

Learn how the community of Tullahoma handled a Hazardous Waste Collection without State assistance. Find out what worked and did not work from beginning to end and everything in between.

Carol Fulmer, Director
Interlocal Solid Waste Authority
Winchester, Tennessee

1:20 p.m.

Landfill Operational Issues

This presentation will address several topics: working face, storm water, FEMA Debris and other concerns. This will have hands on demonstrations, workshop style participation, and sharing of wary stories.

Lewis Bumpus, Director
Williamson County Landfill
Franklin, Tennessee

2:00 p.m.

Break

2:15 p.m.

Round Table Discussion on Solid Waste Concerns

General discussion, question, answer time for solid waste officials to share and discuss problems, ideas, etc. with other solid waste officials

Eddie Anderson
President/Sales Manager
TN Chapter SWANA
Stringfellow, Inc.
Nashville, Tennessee

3:30 p.m.

Adjourn

SOLID/HAZARDOUS WASTE CONFERENCE & EXHIBITION

Wednesday, April 30, 2008

7:30 A.M. 8:00 A.M.	Conference Registration (Convention Center, Lower Level) Exhibition Area Visitation and Continental Breakfast (The Exhibit Area will be closed from 9:00 A.M. - 10:45 A.M.)		9:00 A.M.	Opening General Session (Hall 1, Lower Level) Welcome: Mike Apple, Director, Division of Solid Waste Management Opening Remarks: Paul Sloan, Deputy Commissioner Tennessee Department of Environment and Conservation Keynote Address: James I. Palmer, Regional Administrator, Region 4 United States Environmental Protection Agency Environmental Stewardship Awards: Paul Sloan		
10:45 A.M.	Exhibit Hall (Hall 3, Lower Level) All exhibitors are encouraged to attend the Opening Session.					
	SOLID WASTE TECHNICAL SESSION UPPER LEVEL (ROOMS 1-3)	HAZARDOUS WASTE SESSION UPPER LEVEL (ROOMS 4-5)	ENVIRONMENTAL LAW SESSION UPPER LEVEL (ROOMS 6-7)	SOLID WASTE ASSISTANCE UPPER LEVEL (ROOMS 8-9)	UNDERGROUND STORAGE TANKS UPPER LEVEL (ROOM 10)	HOT TOPICS UPPER LEVEL (ROOM 11)
1:00 P.M.	Tennessee Landfills and the Bulk Survey for Release Program Water Quality Permits at Landfills Landfill Gas Energy Projects at Smaller Landfills	NPDES and RCRA-Opportunities and Pitfalls Law & Order: Anatomy of a Hazardous Waste Enforcement Case - What to do if TDEC says you are Breaking the Law Overview of Hazardous Materials Transportation Regulations Award Winner Presentation	So You Don't Want to Hire an Attorney - Revisited Ethics Legislative Update and Hot Cases	Development of Partnerships to Handle E-Waste Running a Permanent Household Hazardous Waste Facility in Davidson County Upstarting a Permanent Household Hazardous Waste Facility in Shelby County Waste Tire Clean Ups	UST - A Year In Review The Federal Energy Policy Act - A Regional and National Perspective Upgrading Tank Operators UST Rule Overview Reimbursement Guidance Document-001, Reimbursement Cost Revisions	Carbon Footprinting-What is it? Why is it Important? WARM Model - Relating Recycling Activity to Preventing Climate Change Greenhouse Gas Markets: What They Mean to Landfill Owners Reducing Carbon Footprint Through Use of Alternative Fuels
4:00 P.M.						
5:00 P.M.	Refreshment Breaks (Exhibit Hall, Greenbrier Room and Elkmont Room) Conference-Wide Dinner & Hospitality sponsored by BFI at the Gatlinburg Convention Center Entertainment Sponsored by Waste Management at the Gatlinburg Convention Center, Featuring the "Guilty Pleasures"					

THURSDAY, MAY 1, 2008

7:30 A.M. 7:30 A.M. 8:00 A.M.	Conference Registration (Convention Center, Lower Level) Continental Breakfast (Hall 3, Lower Level) Exhibition Area Visitation					
8:00 A.M.	Leachate System Design Leachate System Maintenance Boron Reducation in Landfill Leachate Longstreet Landfill Closure: The Conclusion of a Success Story	Practical Applications for Performing a Vapor Intrusion Assessment for a Chlorinated Solvent Site The Hornet Tool In-Situ Chlorinated Solvent Bioremediation Utilizing a Horizontal Well The Application of BOS 100 to Treat Chlorinated Hydrocarbons in Groundwater Remediation Lessons Learned: Non Textbook Sites	Managing Inevitable Environmental Conflict Environmental Obligations in Bankruptsy Cost Recovery in CERCLA: Unresolved Issues from Atlanta Research	Best Management Practices and Industry Trends in Paper and Plastic Recycling Recycling in Tennessee: A Buyer's Prospective The Tennessee Solid Waste "Blog"	Management of Petroleum Hazardous - Technical Guidance Documents - Free Product, Drinking Water and Vapor Impacts The ABCs of COCs and Phase II Case Prioritization Corrective Action Plan Design Calculations	Implementing a Pharmaceutical Waste Management Program Application of Autoclaves in the Treatment of Medical Waste Solid Waste Composing
11:00 A.M.	Lunch (Hall 2, Lower Level)					
12:30 P.M.	Stateless Household Hazardous Waste Collections Landfill Operational Issues Round Table Discussion on Solid Waste Concerns	EBLL Investigations Lead Based Paint and Healthy Housing Childhood Lead Poisoning in Tennessee - Prevention through Partnership New Rule Chapter 1200-1-20, Asbestos Accreditation Requirements and Implementation	Can Waste Co-exist With Ethics? Enforcing Criminal Provisions of RCRA Developments in the Definition of Solid Waste Under RCRA Natural Resources Damage Assessment Program	New Ideas and Grants to Reduce Waste in Georgia Updates of the Solid Waste Reduction Task Force Achieving Zero Waste-to-Landfill at Goodyear, Union City	On-site/Off-site Soil Gas Survey Laboratory Analysis - How Do They Compare? A Real World Example at One Facility Soil Gas Problem Solving UST Contamination Case Management - Division Panel	Innovative Soil and Groundwater Remediation Optimized Via the Information Superhighway Application of Oxygen Release Compound to Excavation Backfill for Treatment of Residual Groundwater Impacts following LUST Removal In-Place or On-Site Treatment of Pesticides Using DARAMEND® Technology
4:00 P.M.						

FRIDAY, MAY 2, 2008

	CLOSING WASTE SESSION LOWER LEVEL (ROOMS 2-4)	ENVIRONMENTAL LAW SESSION LOWER LEVEL (ROOM 12)
8:30 A.M.	Continental Breakfast (Hall 1)	Waters of the US? Waters of the State
9:00 A.M.	Legislative Updates Handling Public Opposition Summary of Hazardous Waste Regulatory Changes	
11:00 A.M.	Closing Remarks	